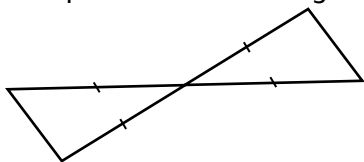


Geometry

Daily Quiz #1

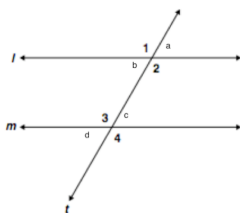
1. Which property of congruence can be used to prove the two triangles congruent?

- (a) ASA
- (b) SAS
- (c) SSS
- (d) not enough information



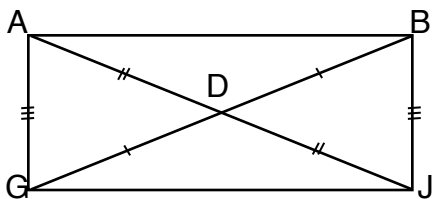
2. If l and m are parallel, which of these are alternate exterior angles?

- (a) $\angle 1$, $\angle d$
- (b) $\angle d$, $\angle a$
- (c) $\angle 4$, $\angle d$
- (d) $\angle b$, $\angle c$



3. Which of these triangles are not congruent?

- (a) $\triangle ADG \cong \triangle BDJ$
- (b) $\triangle AJG \cong \triangle BGJ$
- (c) $\triangle JAB \cong \triangle GBA$
- (d) $\triangle AGJ \cong \triangle BJA$



4. How would you prove that

$\triangle BAD \cong \triangle JGB$?

- (a) ASA
- (b) SSA
- (c) SSS
- (d) none of these

5. If these hexagons are congruent and regular, how much is x ?

- (a) 15°
- (b) 30°
- (c) 45°
- (d) 60°

